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such topics as the collector's outfit, the vasculum, portfolio, map, lens, trowel, note-book and pocket-knife. The instructions are clearly given in an attractive manner. In the second chapter, under Fieldwork, and How to use the Portfolio, very many excellent hints are given. The section on Cactaceæ is especially valuable. Mosses (from notes by T. P. James), Lichens and Algæ are treated of in the succeeding sections. Professor Peck's section on collecting and pressing Fungi occupies fourteen pages, and it need scarcely be said that it is one of the most valuable in the book. Chapter III is devoted to closet work, including pressing and poisoning. In Chapter IV, the herbarium, labels, cases, economic collections and botanic gardens receive due attention. An excellent list of general systematic works, special floras (North American), floras of other countries, general works and botanical journals is given. The final chapter on public herbaria describes briefly a few of the herbaria of this country.—C. E. B.

BOOK OF THE BLACK BASS, by Dr. J. A. Henshall.¹—This volume gives a full account of the appearance and habits of the two species of *Micropterus* which inhabit the fresh waters of the United States, together with directions to the angler, and many notes of interest to the sportsman. The book is well illustrated, and is, to our thinking, the most agreeably written fisherman's book yet produced in this country. We recognize in the author a sportsman of the best type, as well as a naturalist who has studied his subject *con amore*. We make two criticisms on two points for which the author is not responsible. The so-called family of "*Centrarchidæ*" is not yet distinguished from the *Percidæ*, and is not worthy of adoption. The specific name "*Dolomieu*," given to one of the species by Lacepède, appears to us not usable in that form. It is, indeed, not now usable at all, for it was a popular French equivalent for a scientific specific name, which Lacepède in fact never gave. This was not an uncommon custom with the older French naturalists, and generally their popular names have been translated into classic specific names, and thus partly preserved. It is, however, entirely optional with later naturalists whether they do this or not, and as in this case it was not done until several other good names had been given, there is no necessity for adopting this inelegant sobriquet.

NORTH AMERICAN MESOZOIC AND CÆNOZOIC GEOLOGY AND PALE-
ÆONTOLOGY, by S. A. Miller.²—This is an octavo volume of 338 pages, which contains, in Mr. Miller's language, "an abridged

¹ *Book of the Black Bass*. Comprising its complete Scientific and Life History, together with a practical treatise on Angling and Fly-fishing, and a full description of Tools, Tackle and Implements. By JAMES A. HENSHALL, M.D. 8vo, pp. 464, 11 plates, cuts. Bound. Published by Robert Clark & Co. Cincinnati, 1881.

² *North American Mesozoic and Cænozoic Geology and Paleontology*. By S. A. MILLER. Published by the Cincinnati Society of Natural History. 8vo, pp. 338. (October, 1879.) Cincinnati, 1881.